

Fig. 1

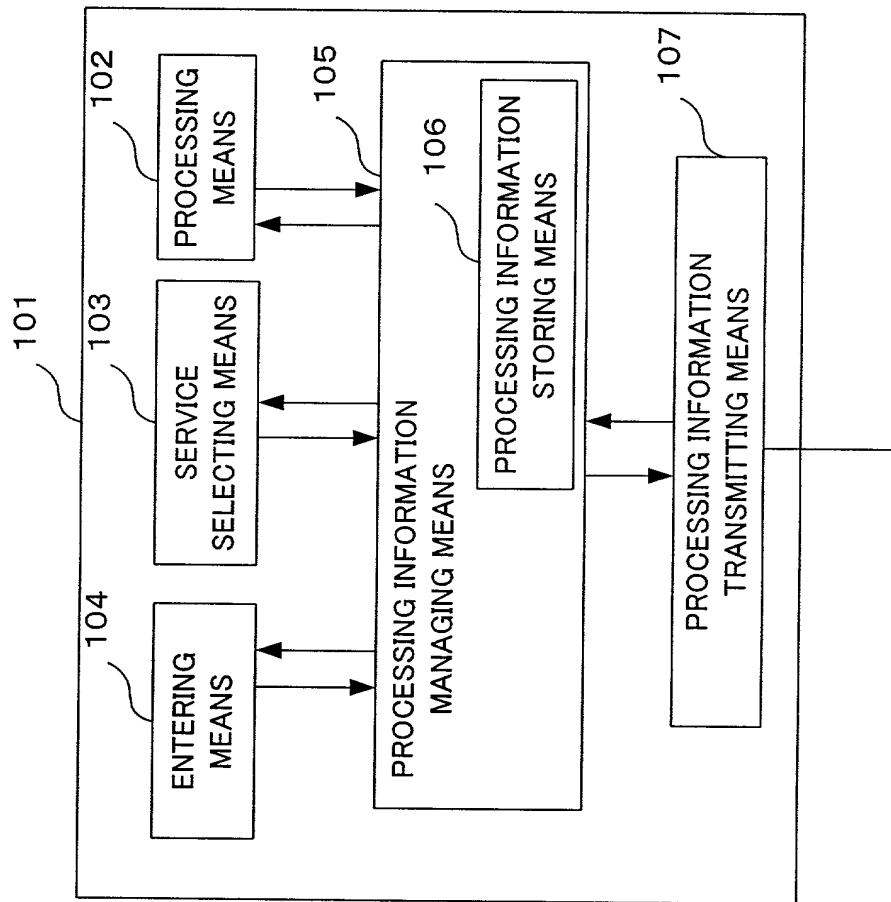


Fig. 2

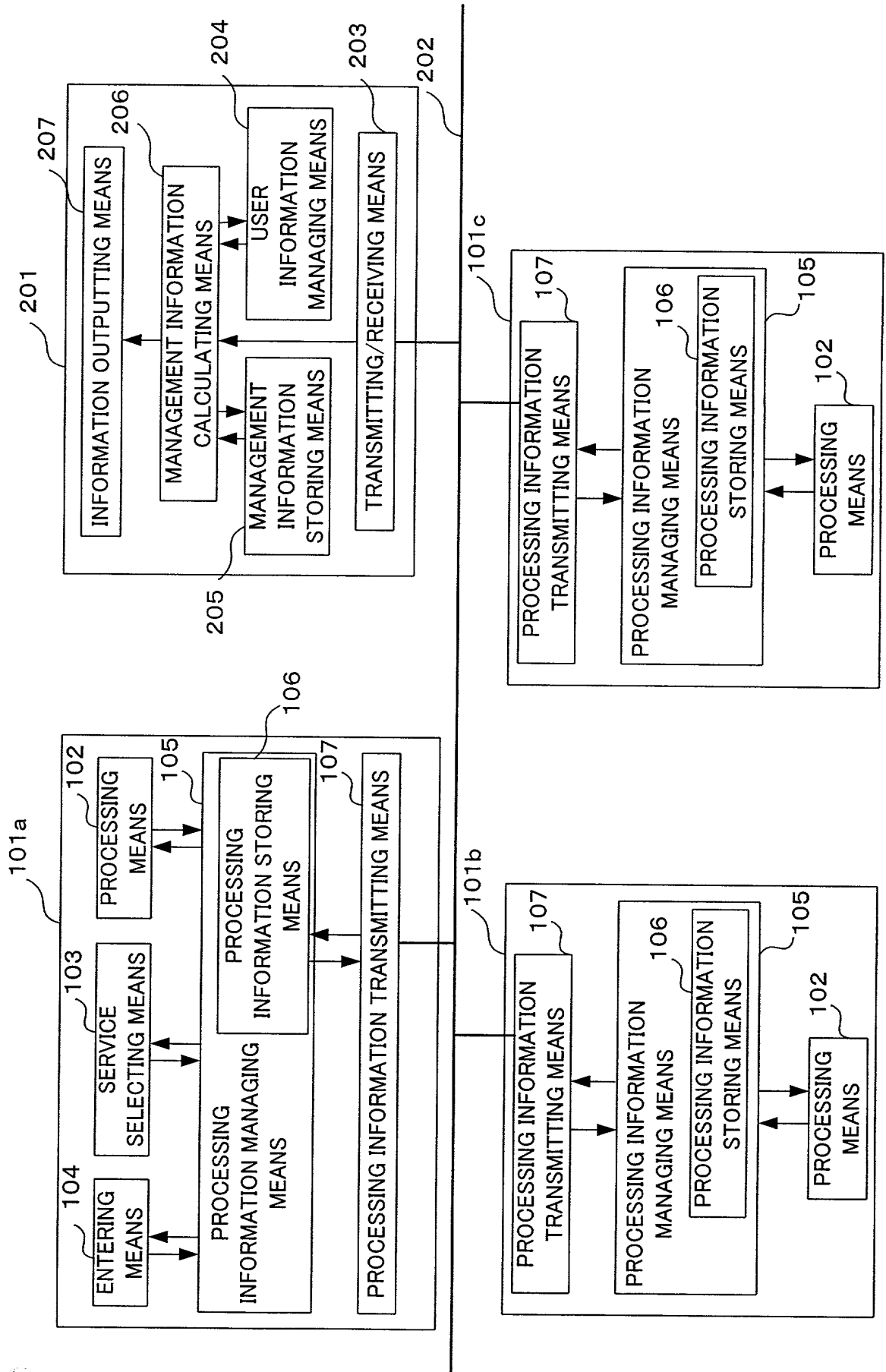


Fig. 3

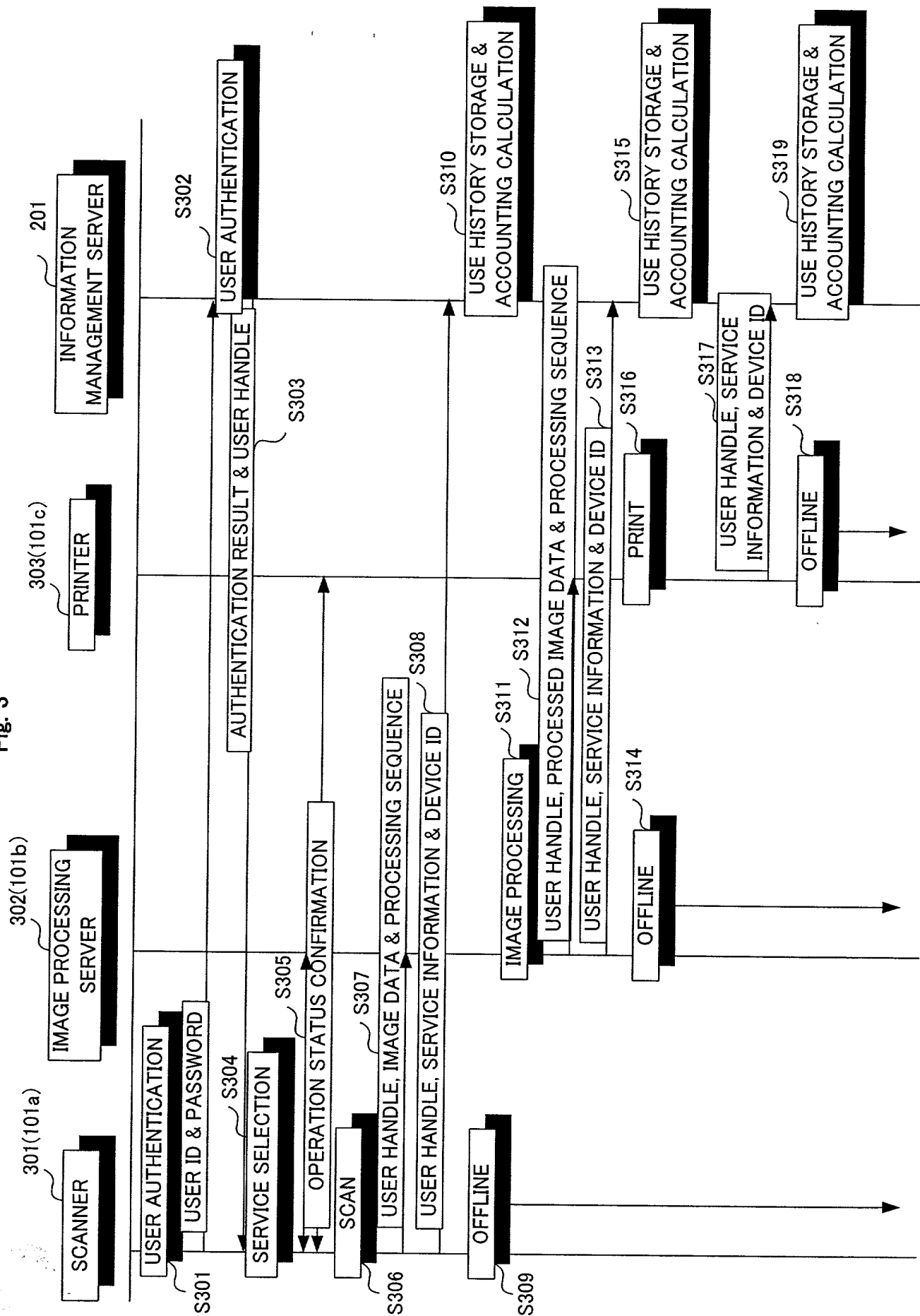


Fig. 4

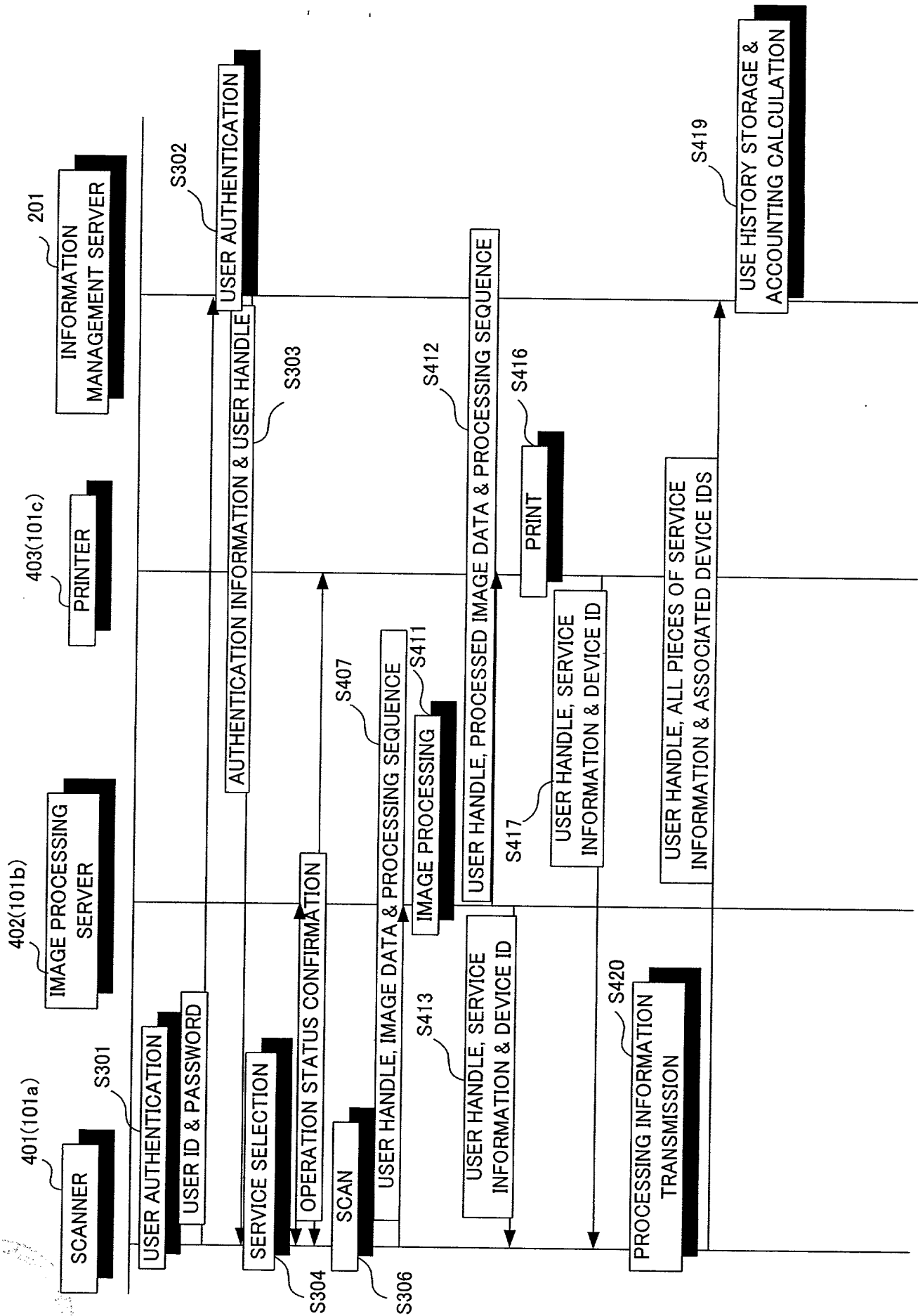


Fig. 5

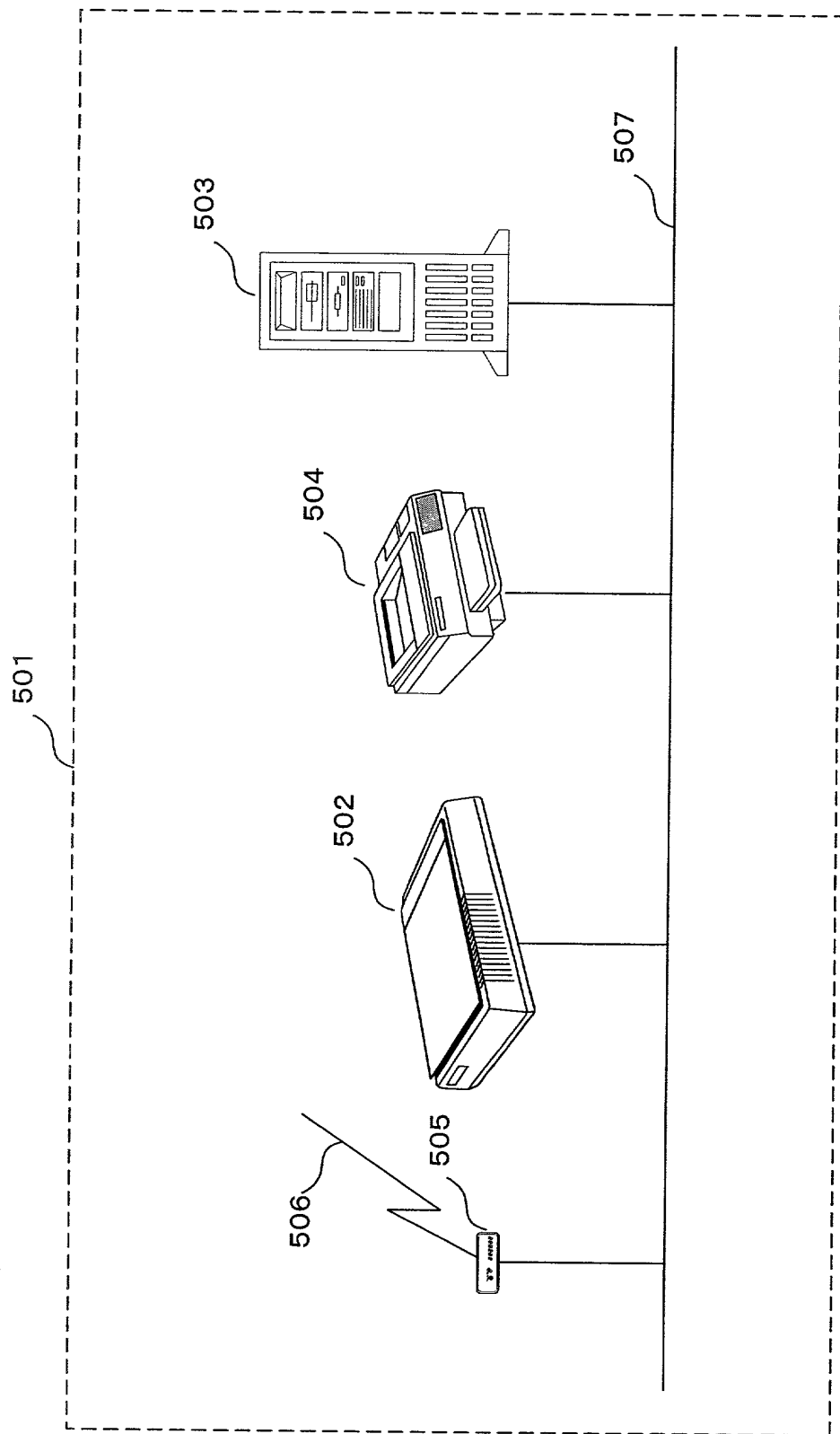


Fig. 6

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| USER ID | PASSWORD | USER'S SECTION | ISSUED USER HANDLE |
|---------|----------|-------------------|--------------------|
| AC001 | 1234 | ACCOUNT SECTION | NOT ISSUED |
| PE002 | 5678 | PERSONNEL SECTION | UH0001 |
| PL003 | 9012 | PLANNING SECTION | UH0002 |
| SA004 | 3456 | SALES SECTION | NOT ISSUED |
| TE005 | 7890 | TECHNICAL SECTION | UH0003 |

Fig. 7

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AVAILABLE SERVICE TABLE

| SERVICE NAME | BUSINESS MACHINE NETWORK TERMINAL TYPE 1 | BUSINESS MACHINE NETWORK TERMINAL TYPE 2 | BUSINESS MACHINE NETWORK TERMINAL TYPE 3 | BUSINESS MACHINE NETWORK TERMINAL TYPE 4 |
|-------------------|--|--|--|--|
| COPY (MONOCHROME) | MONOCHROME SCANNER | IMAGE PROCESSING SERVER | MONOCHROME PRINTER | |
| COPY (COLOR) | COLOR SCANNER | IMAGE PROCESSING SERVER | COLOR PRINTER | |
| IMAGE PROCESSING | SCANNER | IMAGE PROCESSING SERVER | | |
| : | : | : | : | : |
| FAX TRANSMISSION | MONOCHROME SCANNER | IMAGE PROCESSING SERVER | MODEM | |

702 703 704 705 706

Fig. 8

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| DEVICE ID | FUNCTION ID | KEEPING SECTION | ACCOUNTING RULE ID |
|-----------|-------------|-------------------|--------------------|
| DEV001 | FN001 | ACCOUNT SECTION | AC001 |
| DEV002 | FN002 | PERSONNEL SECTION | AC002 |
| DEV003 | FN003 | PLANNING SECTION | AC003 |
| DEV004 | FN004 | SALES SECTION | AC001 |
| DEV005 | FN005 | TECHNICAL SECTION | AC002 |

Fig. 9

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FUNCTION TABLE

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| FUNCTION ID | FUNCTION TYPE | PERFORMANCE INDEX ID | OPTIONAL FUNCTION INDEX ID |
|-------------|------------------|----------------------|----------------------------|
| FN001 | SCAN | PER001 | OP001 |
| FN002 | PRINT | PER002 | OP002 |
| FN003 | PRINT | PER003 | OP003 |
| FN004 | IMAGE PROCESSING | PER004 | OP004 |
| FN005 | FAX TRANSMISSION | PER005 | OP005 |

Fi. 10

| ACCOUNTING RULE ID | KEEPING SECTION MEMBER | ANOTHER MEMBER | GUEST |
|--------------------|------------------------|----------------|-------|
| AC001 | 1 | 5 | 5 |
| AC002 | 5 | 10 | 20 |
| AC003 | 20 | 20 | 30 |

Fig. 11 A MULTIPLEX PROCESSING REQUEST PACKET 1101

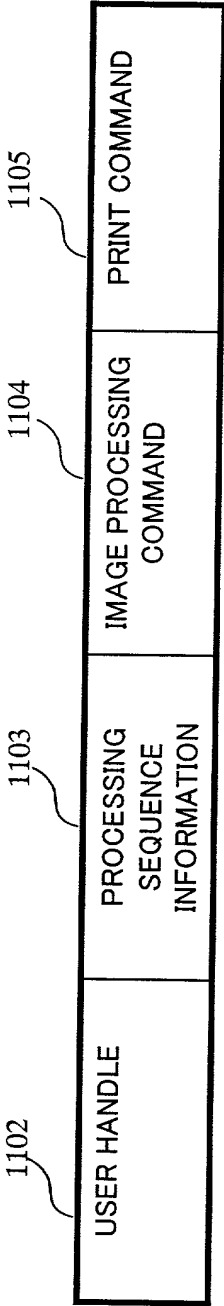


Fig. 11 B MULTIPLEX PROCESSING REQUEST PACKET 1108

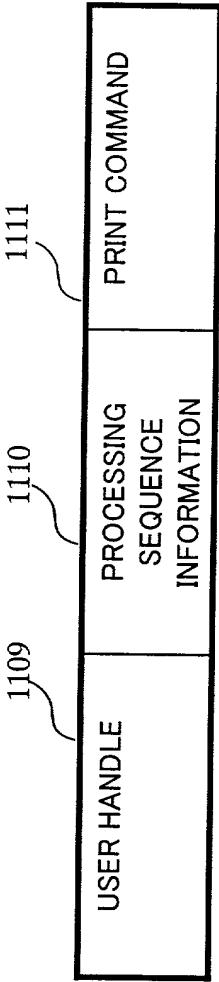


Fig. 11 C IMAGE PROCESSING COMMAND

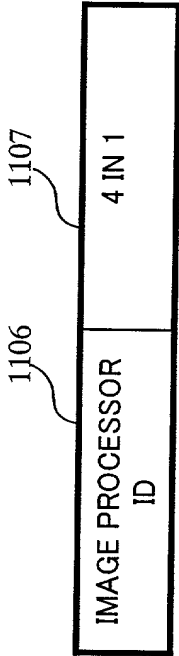


Fig. 11 D PRINT COMMAND

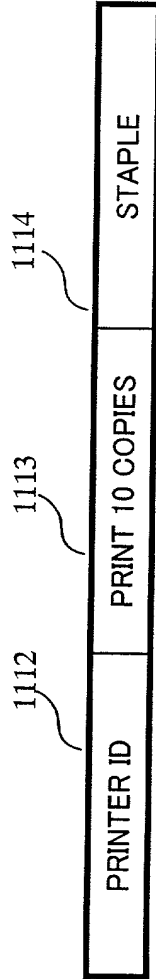


Fig. 12 A SCANNER USE INFORMATION 1201

| | | | |
|-------------|------------|---------|---------|
| 1202 | | | |
| 1203 | | 1204 | |
| USER HANDLE | SCANNER ID | 300 DPI | 4 PAGES |

Fig. 12 B IMAGE PROCESSOR USE INFORMATION 1205

| | | |
|-------------|--------------------|--------|
| 1206 | | |
| 1207 | | 1208 |
| USER HANDLE | IMAGE PROCESSOR ID | 100 MS |

Fig. 12 C PRINTER USE INFORMATION 1209

| | | | |
|-------------|------------|---------|------------------------|
| 1210 | | | |
| 1211 | | 1212 | 1213 |
| USER HANDLE | PRINTER ID | 600 DPI | 10 COPIES |
| | | | PROCESSING TERMINATION |

Fig. 13

OVERALL USE INFORMATION 1301

| | | | | | | | | | | | | | |
|----------------|---------------|---------|---------|--------------------------|--------|--------|---------------|---------|----------|------|--|------|--|
| 1302 | | 1303 | | 1304 | | 1305 | | 1306 | | 1307 | | 1308 | |
| USER HANDLE | SCANNER ID | 300 DPI | 4 PAGES | IMAGE PROCESSOR ID | 4 IN 1 | 100 MS | PRINTER ID | 600 DPI | 4 COPIES | | | | |